

Periodic Regulatory Driver Survey

Date:	2007 Q3: 04/20/07	Review By:	R. Selvey CIH
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Document	Requirement Title	Source that was reviewed	Current Date that is in effect	Change Y/N
Section 1: OSHA Regulations (Department of Labor/Occupational Safety and Health Standards)				
29 CFR 1910	General Industry	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	--	--
1910.94	Ventilation	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	March 23, 1999	N
1910.95	Noise and Hearing Conservation	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	April 3, 2006	N
1910.120	Hazardous waste operations and emergency response	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Apr 3, 2006	N
1910.133	Eye and face protection.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	May 2, 1996	N
1910.134	Respiratory protection.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.135	Head protection.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	May 1, 1996	N
1910.136	Foot protection.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	May 9, 1996	N
1910.138	Hand protection.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	July 1, 1994	N
1910.141	Sanitation.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	June 18, 1998	N
1910.146	Permit-required confined spaces.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Dec. 1, 1998	N
1910.151	Medical services and first aid.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Jan. 5, 2005	N
1910.254	Welding, Cutting and Brazing	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Nov 14, 2005	N
1910.1000	Air contaminants.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Apr 3, 2006	N
1910.1001	Asbestos.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1002	Coal tar pitch volatiles; interpretation of term.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Jan. 21, 1983	N
1910.1003	13 Carcinogens (4-Nitrobiphenyl, etc.).	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Apr 3, 2006	N
1910.1004	alpha-Naphthylamine.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Mar. 7, 1996	N
1910.1017	Vinyl chloride.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1018	Inorganic arsenic.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1020	Access to employee exposure and medical records.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	June 20, 1996	N
1910.1025	Lead.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1026	Chromium (VI)	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Oct. 30, 2006	N
1910.1027	Cadmium.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1028	Benzene.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1030	Bloodborne pathogens.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Apr 3, 2006	N
1910.1043	Cotton dust.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1044	1,2-dibromo-3-chloropropane.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1045	Acrylonitrile.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1047	Ethylene oxide.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N

1910.1048	Formaldehyde.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1050	Methylenedianiline.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1051	1,3-Butadiene.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Apr 3, 2006	N
1910.1052	Methylene Chloride.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Aug 24, 2006	N
1910.1096	Ionizing radiation.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	June 20, 1996	N
1910.1200	Hazard communication.	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	March 7, 1996	N
1910.1450	Occupational exposure to hazardous chemicals in laboratories	<input checked="" type="checkbox"/> Mancomm 02/01/07 Book	Apr 3, 2006	N
29 CFR 1926	Construction Safety and Health Standards	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	--	--
1926.52	Occupational Noise Exposure	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	July 1, 2006	N
1926.54	Non-Ionizing Radiation	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	July 1, 2006	N
1926.55	Gases, vapors, fumes, dusts, and mists	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	Feb 28, 2006	N
1926.56	Illumination	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	July 1, 2006	N
1926.57	Ventilation	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	Jan 8, 1998	N
1926.62	Lead	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	Aug 24, 2006	N
1926.96	Foot Protection	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	June 30, 1993	N
1926.100	Head Protection	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	July 1, 2006	N
1926.101	Hearing Protection	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	July 1, 2006	N
1926.102	Eye Protection	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	June 30, 1993	N
1926.103	Respiratory Protection	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	Jan 28, 1998	N
1926.1101	Asbestos	<input checked="" type="checkbox"/> Mancomm 07/01/06 CD	Aug 24, 2006	N
Section 2: DOE				
10 CFR 850	Chronic Beryllium Disease Prevention Program	Feb 9, 2007	Dec. 8, 1999	N
10 CFR 851	DOE Worker Safety and Health Program	<input checked="" type="checkbox"/> CFR Search	Nov 28, 2006	N
5480.4	Industrial Hygiene Protection, Safety and Health Protection Standards	<input checked="" type="checkbox"/> DOE Web site	Change 4 01/07/1993	N
M 231.1-1 Change 2	Environment, Safety and Health Reporting Manual	<input checked="" type="checkbox"/> DOE Web site	09/09/2004	N
O 440.1A	CRD - Worker Protection Management for DOE Contractor Employees	<input checked="" type="checkbox"/> DOE Web site	3/27/1998	N
G 440.1-7.A	Implementation Guide for use with 10 CFR Part 850, Chronic Beryllium Disease Prevention Program	<input checked="" type="checkbox"/> DOE Web site	01/04/2001, EH	N
N 450.7	Notice: The Safe Handling, Transfer, and Receipt of Biological Etiologic Agents at Department of Energy Facilities	<input checked="" type="checkbox"/> DOE Web site	10/17/2001, EH DOE N 450.14 extends this directive until 06/30/2006. EXPIRED	N
DOE-Handbook 1136/1-2000	DOE Handbook- Chemical Management, Part 1	<input checked="" type="checkbox"/> DOE Web site	09/2004	N
DOE-Handbook 1136/2-2006	DOE Handbook- Chemical Management, Part 2	<input checked="" type="checkbox"/> DOE Web site	08/2004	N
Section 3: Other Legal Requirements required by DOE, OSHA, EPA, DHHS				
NTP	DHHS NTP Carcinogen- Annual Report http://ntp.niehs.nih.gov/index.cfm?objectid=72016262-BDB7-CEBA-FA60E922B18C2540	<input checked="" type="checkbox"/> Web Search	11 th Report 08/26/2005 (12 th is under review as of 4/20/2007)	N

IARC	Intl. Agency on Research on Cancer (IARC) Monographs on Carcinogen Vol 1-88 http://monographs.iarc.fr/ENG/Classification/crthall.php http://monographs.iarc.fr/ENG/Monographs/allmonos90.php	<input checked="" type="checkbox"/> Web Search	Vol 88, 12/2006 BNL has downloaded summaries of monographs 55-88. Printed copies of books 1-54.	Y
42 CFR 73	Select Agents and Toxins	<input checked="" type="checkbox"/> CFR Search	March 18, 2005	N
ACGIH TLVs	Threshold Limit Values for Chemical Substances and Physical Agents	<input checked="" type="checkbox"/> ACGIH Web site	ACGIH 2007 (BNL has current revision)	N
ANSI Z 9.5	Laboratory Ventilation	<input checked="" type="checkbox"/> AIHA Web site	2003 (BNL has current revision)	N
ANSI Z 88.2	Respiratory Protection	<input checked="" type="checkbox"/> ANSI Web site	ANSI has rescinded (BNL has current revision)	N
ANSI Z 136.1	Safe Use of Lasers	<input checked="" type="checkbox"/> ANSI Web site	2007 (BNL had 2000 revision). 2007 version downloaded on 04/19/07	Y
Section 4: Best Management Practice Documents (optional references)				
NYS Code Rule 12 NYS 56	Asbestos	<input checked="" type="checkbox"/> NYS DOL web site	01/11/2006	N
ANSI ASHRAE 15	Safety Standard for Refrigeration Systems		2004 (BNL has revision 2001)	N
ANSI ASHRAE 55	Thermal Environmental Conditions for Human Occupancy	<input checked="" type="checkbox"/> HIS Global	2004 (BNL has current revision)	N
ANSI ASHRAE 62	Ventilation for Acceptable Indoor Air Quality Addenda a, b, c, d, g	<input checked="" type="checkbox"/> ANSI Web site	2004 (BNL has current revision and addenda)	N
ANSI ASHRAE 110	Method of Testing Performance of Laboratory Fume Hoods	<input checked="" type="checkbox"/> ANSI Web site	1995 (BNL has current revision)	N
ANSI ASHRAE 111	Practices for Measurement, Testing, Adjusting and Balancing of Building Heating, Ventilation, Air Conditioning, and Refrigeration Systems	<input checked="" type="checkbox"/> ANSI Web site	1998 (BNL has current revision)	N
ANSI AG-1	ASME: Code on Nuclear Air and Gas treatment	IHS Global	2005 BNL IHG has 1997 edition	N
ANSI C95.1	IEEE: Standard For Safety Levels With Respect To Human Exposure To Radio Frequency Electromagnetic Fields, 3 Khz To 300 Ghz	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL has current revision)	N
ANSI C95.2	IEEE: Standard for Radio Frequency Energy and Current Flow Symbols	<input checked="" type="checkbox"/> ANSI Web site	1999 R2005 (BNL has current revision)	N
ANSI C95.3	IEEE: Recommended Practice for Measurements and Computations with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 100 kHz to 300 GHz	<input checked="" type="checkbox"/> ANSI Web site	2002 (BNL has current revision)	N
ANSI C95.6	IEEE: Safety Levels with Respect to Human Exposure to Electromagnetic Fields 0-3 kHz	<input checked="" type="checkbox"/> ANSI Web site	2002 (BNL has current revision)	N
ANSI C95.7	IEEE: Recommended Practice for Radio Frequency Safety Programs, 3 kHz to 300 GHz	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL has current revision)	N
ANSI F1.1	AWS: Method For Sampling Airborne Particulates Generated By Welding And Allied Processes	<input checked="" type="checkbox"/> ANSI Web site	2006 (BNL has current revision)	N
ANSI F1.2	AWS: Laboratory Method For Measuring Fume generation and Total Fume Emissions of Welding And Allied Processes	<input checked="" type="checkbox"/> ANSI Web site	2006 (BNL has current revision)	N
ANSI F1.3	AWS: A Sampling Strategy Guide For Evaluating Contaminants In The Welding Environment	<input checked="" type="checkbox"/> ANSI Web site	2006 (BNL has current revision)	N
ANSI F1.5	AWS: Method For Sampling & Analyzing Gases from Welding And Allied Processes	<input checked="" type="checkbox"/> ANSI Web site	2003 (BNL has current revision)	N
ANSI F3.2	AWS: Ventilation Guide for Weld Fume	<input checked="" type="checkbox"/> ANSI Web site	2001 (BNL has current revision)	N

ANSI N509	ASME: Nuclear Power Plant Air-Cleaning Units and Components	IHS Global	2002 (BNL has current revision)	N
ANSI N510	ASME: Testing of Nuclear Air Treatment Systems	IHS Global	1995 (BNL has current revision)	N
ANSI NQA 1	ASME: Quality Assurance Requirements for Nuclear Facilities Applications	HIS Global	2004 (BNL IHG has 1997 edition)	n/a
ANSI RP-1	IESNA: Recommended Practice for Office Lighting	<input checked="" type="checkbox"/> ANSI Web site	2004 (BNL had 1982) [downloaded current on 041807]	Y
ANSI RP-7	IESNA: Recommended Practice for Industrial Lighting	<input checked="" type="checkbox"/> ANSI Web site	2001(BNL had 1983) [downloaded current on 041807]	Y
ANSI S1.4	Specification for Sound Level Meters	TechStreet	1983 (R2001) (BNL has current revision)	N
ANSI S1.13	Methods for Measurement of Sound Pressure Levels	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL has 1999R) [downloaded current on 041807]	Y
ANSI S1.25	Specification for Personal Noise Dosimeters	<input checked="" type="checkbox"/> ANSI Web site	1991 (R2002) (BNL has current revision)	N
ANSI S1.43	Specification for Integrating-Averaging Sound Level Meters	<input checked="" type="checkbox"/> ANSI Web site	1997 (R2002) (BNL has current revision)	N
ANSI S12.65 (ANSI 3.14)	Rating Noise with Respect to Speech Interference	<input checked="" type="checkbox"/> ANSI Web site	2006 (BNL had 1977) [downloaded current on 041807]	Y
ANSI S3.18	Guide for the Evaluation of Human Exposure to Whole-Body Vibration	<input checked="" type="checkbox"/> ANSI Web site	2002 (BNL had 1979) [downloaded current on 041807]	Y
ANSI Z4.1-68	Requirements for Sanitation	<input checked="" type="checkbox"/> ANSI Web site	1996R of 1986 (BNL has current revision)	N
ANSI Z9.1	Ventilation and Control of Airborne Contaminants During Open-Surface Tank Operations	<input checked="" type="checkbox"/> AIHA Web site	2006 (BNL has current revision)	N
ANSI Z9.2	Fundamentals governing the Design and Operation of Local Exhaust Ventilation Systems	<input checked="" type="checkbox"/> AIHA Web site	2006 (BNL has current revision)	N
ANSI Z9.4	Abrasive Blasting Operations- Ventilation and Safe Practices for Fixed Location Enclosure	<input checked="" type="checkbox"/> AIHA Web site	1997 (BNL has current revision)	N
ANSI Z9.5	Lab Ventilation: See Section 3 (Required)	--	--	--
ANSI Z9.6	Exhaust System for Grinding, Polishing, and Buffing	<input checked="" type="checkbox"/> AIHA Web site	1999 ANSI has rescinded (BNL has current revision)	N
ANSI Z9.7	Recirculation of Air from Industrial Process Exhaust systems	<input checked="" type="checkbox"/> AIHA Web site	2007 (BNL has current revision)	N
ANSI Z10.	Occupational Health and Safety Management Systems	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL has current revision)	N
ANSI Z49.1	AWS: Safety in Welding & Cutting	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL had 1988) [downloaded current on 041807]	Y
ANSI Z87.1	Occupational and Education Personal Eye and Face Protection	<input checked="" type="checkbox"/> ANSI Web site	2003 (BNL has current revision)	N
ANSI Z88.2	Respirators: See Section 3 (Required)	--	1992 (rescinded by ANSI)	--
ANSI Z88.7	Color Coding of Air Purifying Respirator Canisters, Cartridges, and Filters	<input checked="" type="checkbox"/> ANSI Web site	2001 (BNL has current revision)	N
ANSI Z88.10	Respirator Fit Test Methods	<input checked="" type="checkbox"/> ANSI Web site	2001 (BNL has current revision)	N
ANSI Z117.1	Safety Requirements for Confined Spaces	<input checked="" type="checkbox"/> ANSI Web site	2003 (BNL has current revision)	N

ANSI Z 136.1	Lasers: See Section 3 (Required)	--	--	--
ANSI Z136.4	Recommended Practice for Laser Safety Measurements for Hazard Evaluation	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL has current revision)	N
ANSI Z136.6	Safe Use of Lasers Outdoors	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL has current revision)	N
ANSI Z358.1	Emergency Eyewash and Shower Equipment	<input checked="" type="checkbox"/> ANSI Web site	2004 (BNL has current revision)	N
ANSI Z400	Material Safety Data Sheet Preparation	<input checked="" type="checkbox"/> ANSI Web site	2004 (BNL has current revision)	N
ANSI Z490.1	Criteria for Accepted Practices in Safety, Health and Environmental Training	<input checked="" type="checkbox"/> ANSI Web site	2001 (BNL has current revision)	N
ANSI ISEA 105	Hand Protection Selection Criteria		2005 (BNL 2000 version) Hardcopy order from ISEA on 04/20/07	copy
ASTM D6966	Collection of Settled Dust Samples Using Wipe Sampling Methods for Subsequent Determination of Metals	<input checked="" type="checkbox"/> ANSI Web site	2003 (BNL has current revision)	N
ASTM D7144	Collection of Surface Dust by Micro-vacuum Sampling for Subsequent Metals Determination	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL has current revision)	n/a
ASTM D7296	Collection of Settled Dust Samples Using Dry Wipe Sampling Methods for Subsequent Determination of Beryllium and Compounds	<input checked="" type="checkbox"/> ANSI Web site	2006 (BNL has current revision)	n/a
ASTM F2413	Standard Specification for Performance Requirements for Foot Protection	<input checked="" type="checkbox"/> ANSI Web site	2005 (BNL has current revision)	n/a
BSI 18001	Occupational Health and Safety Assessment Series	<input checked="" type="checkbox"/> Web search	1999 (BNL has current revision)	N
BSI 18002	Guidance for OHSAS 18001	<input checked="" type="checkbox"/> Web search	2000 (BNL has current revision)	N
HFS 100	Human Factors Engineering of Computer Workstations	<input checked="" type="checkbox"/> Web search HFES Site	2006 Draft BNL has current 1998 version (Original with SHSD SEG)	N

Record of actions needed:

04/20/07	OSHA 29CFR1910.134 changes in respiratory protection are already incorporated into SHSD IH72 procedures and SBMS.
04/19/07	Several ANSI/ASTM Standards were ordered to make the IH Group's Reference section complete (marked in yellow)
04/19/07	The new ANSI 136.1 Laser Program, DOE mandated, was published. Copy was obtained and will be used by LSO on next update to SBMS Laser due for 2007 BHSO CAVE of Laser program corrective action plan.
04/20/07	All OSHA revisions were analyzed. No ROD necessary. 14 chemical specific standards were revised to remove the respiratory protection assigned protection factor table and replace it with a citation to 29CFR1910.134. No other major revisions in other drivers occurred.

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